

**ABSTRACT**

**New polymorphic form of ondansetron, process for preparing  
5 it, pharmaceutical composition containing it and its use  
as antiemetic**

This invention relates to a new polymorph of ( $\pm$ )1,2,3,9-  
10 tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-  
4H-carbazol-4-one, known under the INN of ondansetron, to  
a process for preparing said polymorph, to pharmaceutical  
composition containing it and to its use in the treatment  
and prophylaxis of nausea and vomiting. The invention  
15 provides a new stable polymorphic form of ondansetron and  
a process for manufacturing it at an industrial scale.